E-Filed Attorney Docket No.: 34407-503 NATL

Date of Deposit: September 6, 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hirst et al.

SERIAL NUMBER.: 09/674,935 EXAMINER: Jana A. Hines

FILING DATE: December 21, 2000 ART UNIT: 1645

FOR: VACCINE

MAIL STOP AMENDMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO THE NON-FINAL OFFICE ACTION DATED MARCH 6, 2007

In response to the Non-Final Office Action mailed March 6, 2007, Applicants submit this Amendment and Response. This response should be timely filed with the Petition for Three Month Extension of Time filed herewith, on September 6, 2007. Entry and consideration of this Amendment is respectfully requested. Applicant believes no further fee is due at this time; however, the Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311, Reference No. 34407-503 NATL.

Amendments to the claims are shown in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.